



Substitute for form 1449B/PTO		Complete if Known			
		<i>Application Number</i>		10/602,556	
		<i>Filing Date</i>		June 23, 2003	
		<i>First Named Inventor</i>		Milliron, Timothy S.	
		<i>Art Unit</i>		2671	
		<i>Examiner Name</i>		Unassigned	
Sheet	1	of	2	Attorney Docket Number	021751-001610US

U.S. PATENT DOCUMENTS+					
		Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)	MM-DD-YYYY		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	

		NON PATENT LITERATURE DOCUMENTS			T ²
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
D7L	AA	HSU, William M. et al., "Direct Manipulation of Free-Form Deformations," <i>Computer Graphics</i> , (July 1992) 26, 177-184.			
D7L	AB	KOBELT, Leif et al. "Interactive Multi-Resolution Modeling on Arbitrary Meshes," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1998) 105-114.			
D7L	AC	LAZARUS, Francis et al., "Axial deformations: an intuitive deformation technique," <i>Computer-Aided Design</i> , (August 1994) 26(8) 607-613.			
D7L	AD	LEE, Seung-Yong et al., "Image Morphing Using Deformation Techniques," <i>The Journal of Visualization and Computer Animation</i> , (1996) 7, 3-23.			
D7L	AE	LEE, Seung-Yong et al., "Image Metamorphosis Using Snakes and Free-Form Deformations," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1995) 439-448.			
D7L	AF	LEE, Seung-Yong et al., "Image Metamorphosis with Scattered Feature Constraints," <i>IEEE Transactions on Visualization and Computer Graphics</i> , (December 1998) 2(4), 337-354.			
D7L	AG	LERIOS, Apostolos et al., "Feature-Based Volume Metamorphosis," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1995) 449-456.			
D7L	AH	LITWINOICZ, Peter et al., "Animating Images with Drawings," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1994) 409-412.			
D7L	AI	MACRACKEN, Ron et al., "Free-Form Deformations With Lattices of Arbitrary Topology," <i>Computer Graphics Proceedings, Annual Conference Series</i> , (1986) 181-188.			
D7L	AJ	MILLIRON, Tim et al. "A framework for geometric warps and deformations" <i>ACM Transactions on Graphics</i> , (January 2002) 21(1):20:51.			
D7L	AK	SEDERBERG, Thomas W. et al., "Free-Form Deformation of Solid Geometric Models," <i>Computer Graphics</i> , (August 1986) 20(4), 151-160.			

Examiner Signature	Daniel chung	Date Considered	8/5/04
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>Application Number</i>	10/602,556
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		<i>Art Unit</i>	2671
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Sheet	2	of	2
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Examiner Signature	Daniel chay	Date Considered	8/15/04
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DZC	AK	BECHMANN, Space Deformation Models Survey, Computers and Graphics, 18(4), 571-586 (1994).		
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DZC	AM	BORREL, Simple Constrained Deformations for Geometric Modeling and Interactive Design, ACM Transactions on Graphics, 13(2), 137-155 (Apr. 1994).		
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DJC	AO	COQUILLART, Extended Free-Form Deformation: A Sculpturing Tool for 3D Geometric Modeling, Computer Graphics, 24(4), 187-196 (August 1990).		
DJC	AP	CORREA et al., Texture Mapping for Cel Animation, Computer Graphics Proceedings, Annual Conference Series, 435-446 (1998).		
DZC	AQ	DECAUDIN, Geometric Deformation by Merging a 3D-Object With a Simple Shape, Graphics Interface '96, 55-60 (1996).		
DJC	AR	FORSEY et al., Hierarchical B-Spline Refinement, Computer Graphics, 22(4), 205-212 (August 1988).		
DZC	AS	GRIESSMAIR et al., Deformation of Solids with Trivariate B-Splines, Eurographics '89, 137-148 (1989).		

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